WHAT IS CLAIMED IS:

1. A wireless base station comprising:

a first and second base stations for transmitting and receiving signals having a different frequency band respectively, said first and second base stations being placed in the same case as a combo;

first subtraction means for, when said first base station is in a transmitting state and said second base station is in a receiving state, subtracting an attenuated value from a received signal of said second base station, said attenuated value being obtained by multiplying a transmission signal from said first base station by a predetermined attenuation ratio; and

second subtraction means for, when said second base station is in a transmitting state and said first base station is in a receiving state, subtracting an attenuated value from a received signal of said first base station, said attenuated value being obtained by a transmission signal from said second base station by the predetermined attenuation ratio.

2. The wireless base station according to claim 1, wherein operations of said first and second subtraction means are stopped except when said first station is in a transmitting state and said second base station is in a receiving state, or except when said second base station is in a transmitting state and said first base station is in a receiving state.

3. The wireless base station according to claim 1, wherein said first base station is a PHS base station, and said base station is a wireless LAN base station.

4. A wireless base station comprising:

a first and second base stations for transmitting and receiving signals having a different frequency band respectively, said first and second base stations being placed in the same case as a combo;

means for detecting transmission/receiving of one of said first and second base stations; and

means for controlling transmission/receiving of the other of said first and second base stations so that it is performed out of timing with a transmission time of said one of said first and second base stations when said one of said first and second base stations is on standby.

5. The wireless base station according to claim 4, wherein said first base station is a PHS base station, and said base station is a wireless LAN base station in which said wireless LAN base station transmits and receives in synchronized timing with said PHS base station by use of a PCF method defined by said wireless LAN.

6. A wireless terminal comprising:

a first and second transmitting/receiving sections for transmitting and receiving a signal having a different frequency band;

first subtraction means for, when said first transmitting/receiving section is in a transmitting state and said second transmitting/receiving section is in a receiving state, subtracting an attenuated value from a received signal of said second transmitting/receiving section, said attenuated value being obtained by multiplying a transmission signal from said first transmitting/receiving section by a predetermined attenuation ratio; and

second subtraction means for, when said second transmitting/receiving section is in a transmitting state and said first transmitting/receiving section is in a receiving state, subtracting an attenuated value from a received signal of said first transmitting/receiving section, said attenuated value being obtained by multiplying a transmission signal from said second transmitting/receiving section by the predetermined attenuation ratio.

7. The wireless terminal according to claim 6, wherein operations of said first and second subtraction means are stopped except when said first transmission/receiving section is in a transmitting state and said second transmission/receiving section is in a receiving state, or except when said second transmission/receiving section is in a transmitting state and said first transmission/receiving section is in a receiving state.

8. The wireless terminal according to claim 6, wherein said first transmission/receiving section is a PHS transmission/receiving section for transmitting and receiving a PHS signal, and said second transmission/receiving section is a wireless LAN transmission/receiving section for transmitting and receiving a wireless LAN signal.

9. A wireless system comprising:

a wireless base station; and

a wireless terminal for transmitting a signal to said wireless base station and for receiving a signal from said wireless base station;

wherein said wireless base station comprises:

a first and second base stations for transmitting and receiving signals having a different frequency band respectively, said first and second base stations being placed in the same case as a combo;

first subtraction means for, when said first base station is in a transmitting state and said second base station is in a receiving state, subtracting an attenuated value from a received signal of said second base station, said attenuated value being obtained by multiplying a transmission signal from said first base station by a predetermined attenuation ratio; and

second subtraction means for, when said second base station is in a transmitting state and said first base station is in a receiving state, subtracting an attenuated value from a received signal of said first base station, said attenuated value being obtained by multiplying a transmission signal from said second base station by the predetermined attenuation ratio,

and wherein said wireless terminal comprises:

a first and second transmitting/receiving sections for transmitting and receiving signals having a different frequency band;

first subtraction means for, when said first transmitting/receiving section is in a transmitting state and said second transmitting/receiving section is in a receiving state, subtracting an attenuated value from a received signal of said second transmitting/receiving section, said attenuated value being obtained by multiplying a transmission signal from said first transmitting/receiving section by a predetermined attenuation ratio; and

second subtraction means for, when said second transmitting/receiving section is in a transmitting state and said first transmitting/receiving section is in a receiving state, subtracting an attenuated value from a received signal of said first transmitting/receiving section, said attenuated value being obtained by multiplying a transmission signal from said second transmitting/receiving section by the predetermined attenuation ratio.